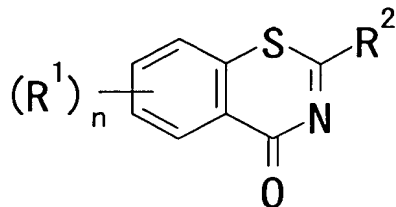
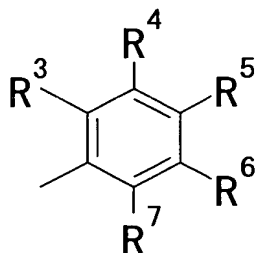


## CLAIMS

1. A compound represented by formula:



[wherein, R<sup>1</sup> represents (1) a halogen atom, (2) hydroxy (3) nitro, (4) an optionally halogenated alkyl, (5) an acyl or (6) an optionally substituted amino; R<sup>2</sup> represents (1) an optionally substituted branched alkyl, (2) an optionally substituted cycloalkyl, (3) an optionally substituted fused homocyclic group, or (4) a group represented by formula:



(wherein, R<sup>3</sup> and R<sup>7</sup> each independently represents (i) hydrogen atom, (ii) fluorine atom, (iii) bromine atom, (iv) nitro, (v) cyano, (vi) an optionally substituted alkyl, (vii) an optionally substituted alkoxy (viii) an optionally substituted aryl, (ix) an acyl, (x) an optionally substituted alkylsulfonyl (xi) an optionally substituted carbamoyl or (xii) an optionally substituted amino; R<sup>4</sup> and R<sup>6</sup> each independently represents (i) hydrogen atom, (ii) fluorine atom, (iii) bromine atom, (iv) hydroxy (v) cyano, (vi) an alkyl having a substituent selected from carboxy, a halogen atom, an alkoxycarbonyl and an arylcarbonylamino (vii) an optionally substituted alkoxy (viii) an optionally substituted aryl, (ix) an acyl, (x) an optionally substituted alkylsulfonyl (xi) an optionally substituted carbamoyl (xii) an optionally substituted amino or (xiii) an optionally substituted alkoxycarbonyl; and R<sup>5</sup> represents (i) hydrogen atom, (ii) fluorine atom, (iii) hydroxy (iv) cyano, (v) an alkyl substituted with a halogen atom, (vi) an optionally substituted aryl, (vii) an acyl, (viii) an optionally substituted carbamoyl or (ix) an optionally substituted amino (provided that the compounds wherein all of R<sup>3</sup> to R<sup>7</sup> represent hydrogen atoms are excluded)); and n represents an integer of 0 to 4], or a salt thereof.

2. The compound according to claim 1, wherein  $R^4$  and  $R^6$  each independently represents (i) hydrogen atom, (ii) fluorine atom, (iii) bromine atom, (iv) hydroxy (v) cyano, (vi) a carboxy-substituted alkyl, (vii) an optionally substituted alkoxy (viii) an optionally substituted aryl, (ix) an acyl, (x) an optionally substituted alkylsulfonyl (xi) an optionally substituted carbamoyl, or (xii) an optionally substituted amino.

3. The compound according to claim 1, wherein,

$R^1$  represents:

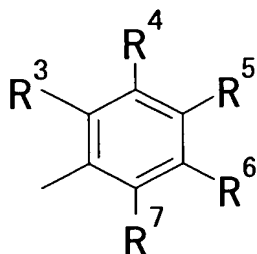
- (1) a halogen atom;
- (2) hydroxy;
- (3) nitro;
- (4) an optionally halogenated  $C_{1-6}$  alkyl;
- (5) a  $C_{1-6}$  alkyl-carbonyl optionally having 1 to 5 substituents selected from (1') a halogen atom, (2') a  $C_{1-3}$  alkylenedioxy (3') nitro, (4') cyano, (5') a  $C_{1-6}$  alkyl which may be substituted with 1 to 5 halogen atoms, (6') a  $C_{2-6}$  alkenyl which may be substituted with 1 to 5 halogen atoms, (7') a carboxy- $C_{2-6}$  alkenyl, (8') a  $C_{2-6}$  alkynyl which may be substituted with 1 to 5 halogen atoms, (9') a  $C_{3-8}$  cycloalkyl which may be substituted with 1 to 5 halogen atoms, (10') a  $C_{6-14}$  aryl, (11') a  $C_{1-6}$  alkoxy which may be substituted with 1 to 5 halogen atoms, (12') a  $C_{1-6}$  alkoxy-carbonyl- $C_{1-6}$  alkoxy (13') hydroxy (14') a  $C_{6-14}$  aryloxy (15') a  $C_{7-16}$  aralkyloxy (16') mercapto, (17') a  $C_{1-6}$  alkylthio which may be substituted with 1 to 5 halogen atoms, (18') a  $C_{6-14}$  arylthio, (19') a  $C_{7-16}$  aralkylthio, (20') amino (21') a mono- $C_{1-6}$  alkylamino (22') a mono- $C_{6-14}$  arylamino (23') a di- $C_{1-6}$  alkylamino (24') a di- $C_{6-14}$  arylamino (25') formyl, (26') carboxy (27') a  $C_{1-6}$  alkyl-carbonyl, (28') a  $C_{3-8}$  cycloalkyl-carbonyl, (29') a  $C_{1-6}$  alkoxy-carbonyl, (30') a  $C_{6-14}$  aryl-carbonyl, (31') a  $C_{7-16}$  aralkyl-carbonyl, (32') a  $C_{6-14}$  aryloxy-carbonyl, (33') a  $C_{7-16}$  aralkyloxy-carbonyl, (34') a 5- or 6-membered heterocyclic carbonyl, (35') carbamoyl (36') a mono- $C_{1-6}$ alkyl-carbamoyl (37') a di- $C_{1-6}$ alkyl-carbamoyl (38') a mono- $C_{6-14}$  aryl-carbamoyl (39') a 5- or 6-membered heterocyclic carbamoyl (40') a  $C_{1-6}$  alkylsulfonyl (41') a  $C_{6-14}$  arylsulfonyl (42') formylamino (43') a  $C_{1-6}$  alkyl-carbonylamino (44') a  $C_{6-14}$  aryl-carbonylamino (45') a  $C_{1-6}$  alkoxy-carbonylamino (46') a  $C_{1-6}$  alkylsulfonylamino (47') a  $C_{6-14}$  arylsulfonylamino (48') a  $C_{1-6}$  alkyl-carbonyloxy (49') a  $C_{6-14}$  aryl-carbonyloxy (50') a  $C_{1-6}$  alkoxy-carbonyloxy (51') a mono- $C_{1-6}$ alkyl-carbamoyloxy (52') a di- $C_{1-6}$ alkyl-carbamoyloxy (53') a mono- $C_{6-14}$  aryl-carbamoyloxy (54') nicotinoyloxy

- (55') a 5- to 7-membered saturated cyclic amino (56') a 5- to 10-membered aromatic heterocyclic group and (57') sulfo (hereinafter simply referred to as Substituent group A);
- (6) a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (7) a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (8) a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (9) a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (10) a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (11) a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms (this heterocyclic carbonyl may have 1 to 5 substituents selected from the Substituent group A);
- (12) an amino optionally having 1 or 2 substituents selected from (1') a C<sub>1-6</sub> alkyl optionally having 1 to 5 substituents selected from the Substituent group A (2') a C<sub>2-6</sub> alkenyl optionally having 1 to 5 substituents selected from the Substituent group A (3') a C<sub>2-6</sub> alkynyl optionally having 1 to 5 substituents selected from the Substituent group A (4') a C<sub>3-8</sub> cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A (5') a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A (6') a C<sub>7-16</sub> aralkyl optionally having 1 to 5 substituents selected from the Substituent group A (7') a 5- to 14-membered heterocyclic group containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C<sub>1-6</sub> alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (9') a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (10') a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (11') a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (12') a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (13') a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl

containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;

$R^2$  represents:

- (1) a branched  $C_{3-6}$  alkyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (2) a  $C_{3-8}$  cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (3) a  $C_{9-14}$  fused homocyclic group optionally having 1 to 5 substituents selected from the Substituent group A; or,
- (4) a group represented by formula:



(wherein:

$R^3$  and  $R^7$  each independently represents:

- (1) hydrogen atom;
- (2) fluorine atom;
- (3) bromine atom;
- (4) nitro;
- (5) cyano;
- (6) a  $C_{1-6}$  alkyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (7) a  $C_{1-6}$  alkoxy optionally having 1 to 5 substituents selected from the Substituent group A;
- (8) a  $C_{6-14}$  aryl optionally having 1 to 5 substituents selected from the Substituent group A;
- (9) a  $C_{1-6}$  alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (10) a  $C_{2-6}$  alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (11) a  $C_{2-6}$  alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

- (12) a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (13) a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (14) a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (15) a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;
- (16) a C<sub>1-6</sub> alkylsulfonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (17) a carbamoyl optionally having 1 or 2 substituents selected from (1') a C<sub>1-6</sub> alkyl optionally having 1 to 5 substituents selected from the Substituent group A (2') a C<sub>2-6</sub> alkenyl optionally having 1 to 5 substituents selected from the Substituent group A (3') a C<sub>2-6</sub> alkynyl optionally having 1 to 5 substituents selected from the Substituent group A (4') a C<sub>3-8</sub> cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A (5') a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A (6') a C<sub>7-16</sub> aralkyl optionally having 1 to 5 substituents selected from the Substituent group A (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C<sub>1-6</sub> alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (9') a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (10') a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (11') a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (12') a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (13') a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms; or,
- (18) an amino optionally having 1 or 2 substituents selected from (1') a C<sub>1-6</sub> alkyl optionally having 1 to 5 substituents selected from the Substituent group A (2') a C<sub>2-6</sub> alkenyl optionally having 1 to 5 substituents selected from the Substituent group A (3') a C<sub>2-6</sub> alkynyl optionally having 1 to 5 substituents selected from the Substituent

group A (4') a C<sub>3-8</sub> cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A (5') a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A (6') a C<sub>7-16</sub> aralkyl optionally having 1 to 5 substituents selected from the Substituent group A (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C<sub>1-6</sub> alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (9') a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (10') a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (11') a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (12') a C<sub>6-14</sub> arylcarbonyl optionally having 1 to 5 substituents selected from the Substituent group A (13') a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms; and,

R<sup>4</sup> and R<sup>6</sup> each independently represents:

- (1) hydrogen atom;
- (2) fluorine atom;
- (3) bromine atom;
- (4) hydroxy;
- (5) cyano;
- (6) a C<sub>1-6</sub> alkyl having 1 to 3 substituents selected from carboxy, a halogen atom, a C<sub>1-6</sub> alkoxy-carbonyl and a C<sub>6-14</sub> aryl-carbonylamino;
- (7) a C<sub>1-6</sub> alkoxy optionally having 1 to 5 substituents selected from the Substituent group A;
- (8) a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A;
- (9) a C<sub>1-6</sub> alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (10) a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (11) a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (12) a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from

the Substituent group A;

(13) a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

(14) a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

(15) a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;

(16) a C<sub>1-6</sub> alkylsulfonyl optionally having 1 to 5 substituents selected from the Substituent group A;

(17) a carbamoyl optionally having substituents selected from (1') a C<sub>1-6</sub> alkyl optionally having 1 to 5 substituents selected from the Substituent group A (2') a C<sub>2-6</sub> alkenyl optionally having 1 to 5 substituents selected from the Substituent group A (3') a C<sub>2-6</sub> alkynyl optionally having 1 to 5 substituents selected from the Substituent group A (4') a C<sub>3-8</sub> cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A (5') a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A (6') a C<sub>7-16</sub> aralkyl optionally having 1 to 5 substituents selected from the Substituent group A (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C<sub>1-6</sub> alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (9') a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (10') a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (11') a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (12') a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (13') a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;

(18) an amino optionally having 1 or 2 substituents selected from (1') a C<sub>1-6</sub> alkyl optionally having 1 to 5 substituents selected from the Substituent group A (2') a C<sub>2-6</sub> alkenyl optionally having 1 to 5 substituents selected from the Substituent group A (3') a C<sub>2-6</sub> alkynyl optionally having 1 to 5 substituents selected from the Substituent group A (4') a C<sub>3-8</sub> cycloalkyl optionally having 1 to 5 substituents selected from the

Substituent group A (5') a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A (6') a C<sub>7-16</sub> aralkyl optionally having 1 to 5 substituents selected from the Substituent group A (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C<sub>1-6</sub> alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (9') a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (10') a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (11') a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (12') a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (13') a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms or (19) a C<sub>1-6</sub> alkoxy-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

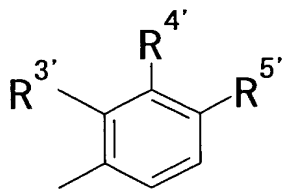
R<sup>5</sup> represents:

- (1) hydrogen atom;
- (2) fluorine atom;
- (3) hydroxy;
- (4) cyano;
- (5) a C<sub>1-6</sub> alkyl substituted with 1 to 5 halogen atoms;
- (6) a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A;
- (7) a C<sub>1-6</sub> alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (8) a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (9) a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (10) a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (11) a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

- (12) a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (13) a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;
- (14) a carbamoyl optionally having 1 or 2 substituents selected from (1') a C<sub>1-6</sub> alkyl optionally having 1 to 5 substituents selected from the Substituent group A (2') a C<sub>2-6</sub> alkenyl optionally having 1 to 5 substituents selected from the Substituent group A (3') a C<sub>2-6</sub> alkynyl optionally having 1 to 5 substituents selected from the Substituent group A (4') a C<sub>3-8</sub> cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A (5') a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A (6') a C<sub>7-16</sub> aralkyl optionally having 1 to 5 substituents selected from the Substituent group A (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C<sub>1-6</sub> alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (9') a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (10') a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (11') a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (12') a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (13') a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, or
- (15) an amino optionally having 1 or 2 substituents selected from (1') a C<sub>1-6</sub> alkyl optionally having 1 to 5 substituents selected from the Substituent group A (2') a C<sub>2-6</sub> alkenyl optionally having 1 to 5 substituents selected from the Substituent group A (3') a C<sub>2-6</sub> alkynyl optionally having 1 to 5 substituents selected from the Substituent group A (4') a C<sub>3-8</sub> cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A (5') a C<sub>6-14</sub> aryl optionally having 1 to 5 substituents selected from the Substituent group A (6') a C<sub>7-16</sub> aralkyl optionally having 1 to 5 substituents selected from the Substituent group A (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C<sub>1-6</sub>

alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (9') a C<sub>2-6</sub> alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (10') a C<sub>2-6</sub> alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (11') a C<sub>3-8</sub> cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (12') a C<sub>6-14</sub> aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A (13') a C<sub>7-16</sub> aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms); and, n is an integer of 0 to 4.

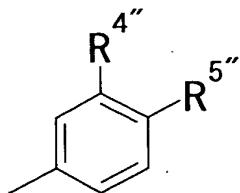
4. The compound according to claim 1, wherein R<sup>2</sup> is a branched C<sub>3-6</sub> alkyl, a C<sub>3-8</sub> cycloalkyl, or a group represented by formula:



(wherein R<sup>3'</sup> represents (1) hydrogen atom, (2) a C<sub>1-6</sub> alkoxy or (3) a C<sub>1-6</sub> alkyl substituted with 1 to 5 halogen atoms; R<sup>4'</sup> represents (1) hydrogen atom, (2) bromine atom, (3) cyano, (4) a C<sub>1-6</sub> alkyl having 1 to 3 substituents selected from carboxy, a halogen atom, a C<sub>1-6</sub> alkoxy-carbonyl and a C<sub>6-14</sub> aryl-carbonylamino (5) a C<sub>1-6</sub> alkoxy substituted with a C<sub>1-6</sub> alkoxy-carbonyl or (6) a C<sub>1-6</sub>alkyl-carbonylamino; and R<sup>5'</sup> represents hydrogen atom, hydroxy, cyano, a C<sub>1-6</sub> alkyl substituted with 1 to 5 halogen atoms, a C<sub>6-14</sub> aryl, a C<sub>1-6</sub> alkyl-carbonyl, a di-C<sub>1-6</sub>alkylcarbonyl or a C<sub>1-6</sub> alkyl-carbonylamino), and n is 0.

5. The compound according to claim 1, wherein R<sup>2</sup> is a C<sub>3-8</sub> cycloalkyl.

6. The compound according to claim 1, wherein R<sup>2</sup> is a group represented by formula:



(wherein R<sup>4''</sup> represents hydrogen atom or cyano, and R<sup>5''</sup> represents hydrogen atom,

a C<sub>1-6</sub> alkyl-carbonyl or a C<sub>1-6</sub> alkyl-carbonylamino).

7. The compound according to claim 1, which is  
2-(3-cyanophenyl)-4H-1,3-benzothiazin-4-one,  
2-(4-acetylphenyl)-4H-1,3-benzothiazin-4-one,  
2-(4-methylsulfonylphenyl)-4H-1,3-benzothiazin-4-one,  
2-(4-acetylamino-phenyl)-4H-1,3-benzothiazin-4-one, or  
2-(3-trifluoromethylphenyl)-4H-1,3-benzothiazin-4-one.

8. The compound according to claim 1, which is capable of binding to a macrophage migration inhibitory factor.

9. A binder for macrophage migration inhibitory factor comprising the compound according to claim 1.

10. A prodrug of the compound according to claim 1.

11. A pharmaceutical composition comprising the compound according to claim 1 or its prodrug.

12. The pharmaceutical composition according to claim 11, which is a cell death inhibitor or a cytoprotective agent.

13. The pharmaceutical composition according to claim 11, which is an apoptosis inhibitor.

14. The pharmaceutical composition according to claim 11, which is a myocardial cell death inhibitor.

15. The pharmaceutical composition according to claim 11, which is an agent for preventing or treating a disease induced by cell death.

16. The pharmaceutical composition according to claim 11, which is an agent for preventing or treating a disease caused by a macrophage migration inhibitory factor.

17. The pharmaceutical composition according to claim 11, which is an agent for preventing or treating cardiovascular diseases, bone or joint diseases, infectious diseases, inflammatory diseases or kidney diseases.

18. A method for preventing or treating cardiovascular diseases, bone or joint diseases, infectious diseases, inflammatory diseases or kidney diseases, which comprises administering to a mammal an effective dose of the compound according to claim 11 or its prodrug.

19. Use of the compound according to claim 11 or its prodrug to manufacture an agent for preventing or treating cardiovascular diseases, bone or joint diseases, infectious diseases, inflammatory diseases or kidney diseases.